

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000364

A. CLASSIFICATION OF SUBJECT MATTER														
Int. Cl. <sup>7</sup> : A61M 5/50														
According to International Patent Classification (IPC) or to both national classification and IPC														
B. FIELDS SEARCHED														
Minimum documentation searched (classification system followed by classification symbols)														
Electronic search as below														
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched														
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)														
DWPI (IPC: A61M 5/-; KEYWORDS: withdraw+, retract+, draw+ back+, pull+ back, syringe, project+, protru+, detent, tab, lug, follower, cam+, channel, groov+, slot+, trough, guid+, track, spring, coil, sprung, resilient+, bias+, cap, sheath, shroud, sleeve, shield, casing, guard, cover)														
C. DOCUMENTS CONSIDERED TO BE RELEVANT														
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.												
X, Y	US 2003/0045838 A1 (WOODWARD, JR. et al.) 6 March 2003 See figure	1 to 29												
X, Y	US 5554122 A (EMANUEL) 10 September 1996 See figure 10 to 16.	1 to 29												
X, Y	US 5429613 A (D'AMICO) 4 July 1995 See figures 8 to 18.	1 to 29												
X, Y	US 5346480 A (HESS et al.) 13 September 1994 See figure	1 to 29												
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex														
<table border="0"> <tr> <td>* Special categories of cited documents:</td> <td></td> </tr> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			* Special categories of cited documents:		"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
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"P" document published prior to the international filing date but later than the priority date claimed														
Date of the actual completion of the international search 18 June 2004		Date of mailing of the international search report 8 JUL 2004												
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  PETER T. WEST Telephone No : (02) 6283 2108												

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5066280 A (BRAITHWAITE) 19 November 1991 See figures 7 to 9.	15 to 20
Y	US 4908020 A (PETTERSEN) 13 March 1990 See figure 4 item 14.	15 to 20
Y	US 4699614 A (GLAZIER) 13 October 1987 See figure 3 item 12.	15 to 20
X, Y	WO 2001/076663 A1 (GEM PLASTICS, INC.) 18 October 2001 See figures 1 and 2.	1 to 29
X, Y	GB 2202747 A (DUCAT) 5 October 1988 See figures 7 and 8.	1 to 29
A	US 4955868 A (KLEIN) 11 September 1990 See figures.	
A	US 5433712 A (STILES et al.) 18 July 1995 See figures.	
A	WO 1997/006841 A1 (VISTA MEDICAL INNOVATIONS INCORPORATED) 27 February 1997 See figures.	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2004/000364**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member		
US 2003/045838	WO 2003/020341		
US 5554122	NONE		
US 5429613	US 5222947	US 5279547	
US 5346480	NONE		
US 5066280	AU 25233/88	DK 81490	EP 380538
	GB 2229097	WO 1989/002759	
US 4908020	AU 21519/88	CN 1031941	DK 510888
	EP 308380	FI 884116	JP 10-99569
	NO 875234		
US 4699614	AU 14857/88	EP 304468	WO 1988/06461
	WO 2001/076663	AU 89309/01	US 2001/037088
WO 1997/006841	AU 67742/96	CA 2229550	EP 850080
	US 5762634		
GB 2202747	NONE		
US 4955868	NONE		
US 5433712	NONE		
WO 2001/076663	AU 89309/01	US 6475194	
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			
END OF ANNEX			